

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	02356.0080-01000	Appln. No.	10/720,470
Applicant	Hilde DE REUSE et al.		
Filing Date	November 25, 2003	Group:	Unassigned <i>1645</i>

FOREIGN PATENT DOCUMENTS

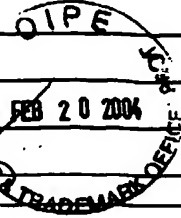
	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
<i>VBP</i>	WO 98/17804	01/1998	PCT	C12N	15/31	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>VBP</i>	International Search Report for PCT/EP99/04490, including Annex. <i>Considered.</i>
	Akada, J. et al., "Transcriptional Analysis of Urease Structural Gene and the UreI Gene in <i>Helicobacter pylori</i> ," <i>GUT</i> , 41:A9 (1997).
	Akada, J. et al., "European <i>Helicobacter Pylori</i> Study Group Xth International Workshop on Gastrointestinal Pathology and <i>Helicobacter Pylori</i> ," <i>GUT</i> , 41(1):A7-A8 (1997).
	Chebrou, H. et al., "Amide Metabolism: a putative ABC transporter in <i>Rhodococcus</i> sp. R312," <i>Gene</i> , 182:215-218 (1996).
	Clyne et al., " <i>Helicobacter pylori</i> Requires an Acidic Environment to Survive in the Presence of Urea," <i>Infection and Immunity</i> , 63(5):1669-1673 (1995).
	Coudron, P. E. et al., "Factors Affecting Growth and Susceptibility Testing of <i>Helicobacter pylori</i> in Liquid Media," <i>Journal of Clinical Microbiology</i> , 33(4):1028-1030 (1995).
	Coudron, P. E. et al., "Use of Time-Kill Methodology To Assess Antimicrobial Combinations against Metronidazole-Susceptible and Metronidazole-Resistant Strains of <i>Helicobacter pylori</i> ," <i>Antimicrobial Agents and Chemotherapy</i> , 39(12):2641-2644 (1995).
	Coudron, P. E. et al., "Utilization of Time-Kill Kinetic Methodologies for Assessing the Bactericidal Activities of Ampicillin and Bismuth, Alone and in Combination, against <i>Helicobacter pylori</i> in Stationary and Logarithmic Growth Phases," <i>Antimicrobial Agents and Chemotherapy</i> , 39(1):66-69, (1995).
	Cussac, V. et al., "Expression of <i>Helicobacter pylori</i> Urease Activity in <i>Escherichia coli</i> Host Strains," <i>Society for Microbial Ecology and Disease</i> , 4(S):S139, Abstract H4-4 (1991).
	Cussac, V. et al., "Expression of <i>Helicobacter pylori</i> Urease Genes in <i>Escherichia coli</i> Grown under Nitrogen-Limiting Conditions," <i>Journal of Bacteriology</i> 174(8):2466-2473 (1992).
	DeCross, A. J. et al., "Metronidazole Susceptibility Testing for <i>Helicobacter pylori</i> : Comparison of Disk, Broth, and Agar Dilution Methods and Their Clinical Relevance," <i>Journal of Clinical Microbiology</i> , 31(8):1971-1974 (1993).
	Eaton, K. A. et al., "Essential Role of Urease in Pathogenesis of Gastritis Induced by <i>Helicobacter pylori</i> in Gnotobiotic Piglets," <i>Infection and Immunity</i> , 59(7):2470-2475 (1991).
	Ferrero, R. et al., "Construction of Urease Deficient Mutants of <i>Helicobacter pylori</i> By Allelic Exchange," <i>Society for Microbial Ecology and Disease</i> , 4(S):S136, Abstract H4-1 (1991).
<i>✓</i>	Ferrero, R. L. et al., "The Importance of Urease in Acid Protection for the Gastric-colonising Bacteria <i>Helicobacter pylori</i> and <i>Helicobacter felis</i> sp. nov.," <i>Microbial Ecology in Health and Disease</i> , 4:121-134 (1991).

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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
108	6,476,213	11/02	Suerbaum et al.	536	23.7	
	6,271,017	08/01	Labigne et al.	435	252.1	
	6,190,667	02/01	DeReuse et al.	424	234.1	
	6,124,271	09/00	Iversen et al.	514	44	01/23/98
	6,087,358	07/00	Baker et al.	514	230.5	09/05/97
	6,027,878	02/00	Labignet et al.	435	6	
	5,986,051	11/99	Labigne et al.	530	350	
	5,985,631	11/99	Soman et al.	435	184	09/12/97
	5,942,409	08/99	Sachs et al.	435	032	
	5,876,946	03/99	Burbaum et al.	435	7.1	06/03/97
	5,843,460	12/98	Labigne et al.	424	234.1	12/01/98
	5,695,931	12/97	Labigne	435	6	06/05/90
	5,560,912	10/96	Neeman et al.	424	195.1	06/27/94
	5,472,695	12/95	Neeman et al.	424	195.1	04/08/94
	5,441,875	08/95	Hediger	435	69.1	07/23/93
	H25	02/86	Radel	71	6	06/17/85

FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
EP 0 367 644	05/90	Europe	/		No
EP 0 745 674	12/96	Europe			
WO 91/09049	06/91	PCT			
WO 93/07273	04/93	PCT			
WO 94/09823	05/94	PCT			
WO 94/26901	11/94	PCT			
WO 96/33732	10/96	PCT			
WO 96/40893	12/96	PCT			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
188	Garcia-Rodriguez, J. A. et al., "In Vitro Activity of Six Antacids and a Urease Inhibitor Against <i>Helicobacter pylori</i> ," <i>Revista Espanola de Quimioterapia</i> , Spain, 4(4):336-337 (1991).
	Gregoriou, M. et al., "Inhibition of the Aliphatic Amidase from <i>Pseudomonas aeruginosa</i> by Urea and Related Compounds," <i>Eur. J. Biochem.</i> , 96:101-108 (1979).
	Hollaway, M. R. et al., "Chloroacetone as an Active-Site-Directed Inhibitor of the Aliphatic Amidase from <i>Pseudomonas aeruginosa</i> ," <i>Biochem. J.</i> , 191:811-826 (1980).
	Ito, Y. et al., "Ecabet sodium, a locally acting antiulcer drug, inhibits urease activity of <i>Helicobacter pylori</i> ," <i>European Journal of Pharmacology</i> , 345:193-198 (1998).
	Kühler, T. C. et al., "Structure - Activity Relationship of Omeprazole and Analogues as <i>Helicobacter pylori</i> Urease Inhibitors," <i>J. Med. Chem.</i> , 38:4906-4916 (1995).
	Labigne, A. et al., "Shuttle Cloning and Nucleotide Sequences of <i>Helicobacter pylori</i> Genes Responsible for Urease Activity," <i>Journal of Bacteriology</i> , 173(6):1920-1931 (1991).
	Labigne, A. et al., Bull. Acad. Natle. Med., "Development of genetic and molecular approaches for the diagnosis and study of the pathogenesis of <i>Helicobacter pylori</i> induced gastroduodenal diseases," 175(6):791-802 (1991).
	Malanoski, G. J. et al., "Effect of pH Variation on the Susceptibility of <i>Helicobacter pylori</i> to Three Macrolide Antimicrobial Agents and Temafloxacin," <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 12:131-133 (1993).
	McGowan, C. C. et al., "The Proton Pump Inhibitor Omeprazole Inhibits Acid Survival of <i>Helicobacter pylori</i> by a Urease-Independent Mechanism," <i>Gastroenterology</i> , 107: 738-743 (1994).
	Midolo, P.D. et al., "Metronidazole resistance: A predictor of failure of <i>Helicobacter pylori</i> eradication by triple therapy," <i>Journal of Gastroenterology and Hepatology</i> , 11:290-292 (1996).
	Mirshahi, F. et al., "Omeprazole may exert both a bacteriostatic and a bacteriocidal effect on the growth of <i>Helicobacter pylori</i> (NCTC 11637) in vitro by inhibiting bacterial urease activity," <i>Journal of Clinical Pathology</i> , 51:220-224 (1998).
	Nagata, K. et al., "Inhibitory Action of Lansoprazole and Its Analogs against <i>Helicobacter pylori</i> : Inhibition of Growth Is Not Related to Inhibition of Urease," <i>Antimicrobial Agents and Chemotherapy</i> , 39(2):567-570 (1995).
	Neyrolles, O. et al., <i>Journal of Bacteriology</i> , 178(3):647-655 (1996).
	Park, J. et al., "Kinetic Studies of <i>Helicobacter pylori</i> Urease Inhibition by a Novel Proton Pump Inhibitor, Rabeprazole," <i>Biol. Pharm. Bull.</i> , 19(2):182-187(1996).
	Pope, A. J. et al., "Effect of Potent Urease Inhibitor, Fluorofamide, on <i>Helicobacter</i> sp. <i>in Vivo</i> and <i>in Vitro</i> ," <i>Digestive Diseases and Sciences</i> , 43(1):109-119 (1998).
	Scott, et al., "The Role of Internal Urease in Acid Resistance of <i>Helicobacter pylori</i> ," <i>Gastroenterology</i> 114:58-70 (1998).
	Sjostrom, J. E. et al., "Factors Affecting Growth and Antibiotic Susceptibility of <i>Helicobacter pylori</i> : effect of pH and urea on the survival of a wild-type strain and a urease-deficient mutant," <i>J. Med. Microbiology</i> , 44, 425-433 (1996).

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VSF	Skouloubris, et al., "The <i>Helicobacter pylori</i> UreI Protein is not Involved in Urease Activity but is Essential for Bacterial Survival <i>in vivo</i> ," <i>Infection and Immunity</i> , 66(9):4517-4521 (1998).
	Sugiyama, T. et al., "A Novel Enzyme Immunoassay for Serodiagnosis of <i>Helicobacter pylori</i> Infection," <i>Gastroenterology</i> , 101:77-83 (1991).
	Wilson, S. A. et al., "Identification of Two New Genes in the <i>Pseudomonas aeruginosa</i> Amidase Operon, Encoding an ATPase (AmiB) and a Putative Integral Membrane Protein (AmiS)," <i>The Journal of Biological Chemistry</i> , 270(32), 18818-18824 (1995).
	Woods, M. J. et al., "Selective Inhibition and the Kinetic Mechanism of the Aliphatic Amidase of <i>Pseudomonas aeruginosa</i> ," <i>Biochemical Society Transactions</i> , 2:1344-1346 (1974).

Examiner	[Signature]	Date Considered	4/20/04
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
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